

**DIMENSIONS:**

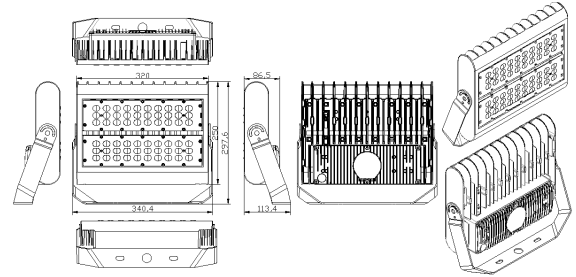
12-1/2"(W) x 12-1/2"(H) x 2-1/2"(D)



Fixture is prewired with 16/3 SO cord



LF series floods are prewired with 18" cord (18/3 SJTW) and compression fitting



**LF3-80CW-TR**  
**LF3-80WW-TR**

**LED Flood Lights 3 Series With Trunnion**

Ideal for general site lighting, alleys, loading docks, doorways, pathway, parking areas. Replace existing HID flood lights/wall packs. Great for use with motion sensors or other instant on/off controls. Solid state lighting technology for long life, low maintenance and high efficiency.

**Other Options (Field Installed):**

Order fixture:

LF3-220CW LF3-220WW



Order Mounting:

LF3-SF Slip fitter

LF3-YOK Yoke

Includes strain relief connector

Junction box with knockout

LF3-EXTARM Extension arm (4" wide to fit 4" pole)

LF3-STR Street light arm (6" long to fit 2"-2-1/2" pipe)

Example: LF3 (series) - 220 (wattage) - CW (color temp) = LF3-220CW + LF3-EXTARM (mounting)

MODEL	WATTS	VOLTAGE	LUMENS	COLOR TEMP
LF3-80CW-TR	80W	100~277V AC	9060 LM	5000K
LF3-80WW-TR	80W	100~277V AC	8590 LM	3000K

**ELECTRICAL SPECIFICATIONS:**

- Voltage: 100-277VAC 50/60Hz
- Wattage: 80W
- Input current: .85A Max
- Other wattages: 80W, 100W, 150W, 300W
- Power factor: PF≥0.90
- Output voltage: 36-66VDC
- Output current: 1.95A
- Driver efficiency: 88%

**HOUSING SPECIFICATIONS:**

- Die-cast aluminum with powder coat finish (Dark Bronze)
- Operating temperature: -30 —+40 °C
- Lifespan: 50000Hrs.
- IP rating: IP65, Wet Locations
- 100% dip-tested under load
- Main Structure: aluminum + Optical Lens
- Storage temperature humidity: -40 —+80°C , 10—90% RH

**CERTIFICATIONS:** UL, DLC



**LIGHTING SPECIFICATIONS:**

- Dimmable
- LED type/brand: SMD 3030/ Lumileds LEDs
- Total lumens: 25684lm and 21578lm
- Color temperature: 3000K / 4000K / 5000K / 5700K
- Color rendering index: >80
- Beam angle: 120x90°
- Luminance: 8450Lm (DLC)
- Luminous Efficiency: 109Lm/W (DLC)
- LED quantity: 120 PCS
- LED efficacy: 120Lm/W (DLC)

**SAFETY & EMC:**

- Safety norms: UL1598, UL8750, EN60598, EN61347-2-13, EN62031, EN62471
- Withstand voltage: I/P-FG: 2121VDC
- Grounding resistance: ≤0.5Ω,OK
- Electromagnetic compatibility: EN55015, EN61000-2-3, EN61000-3-3, EN61547
- Gross weight: YK 11.4lbs TR 12.3lbs SF 14.7lbs MA 13lbs
- Quantity / Carton: 1pc

**WARRANTY:** 7 years



## LF3-80CW-TR LF3-80WW-TR

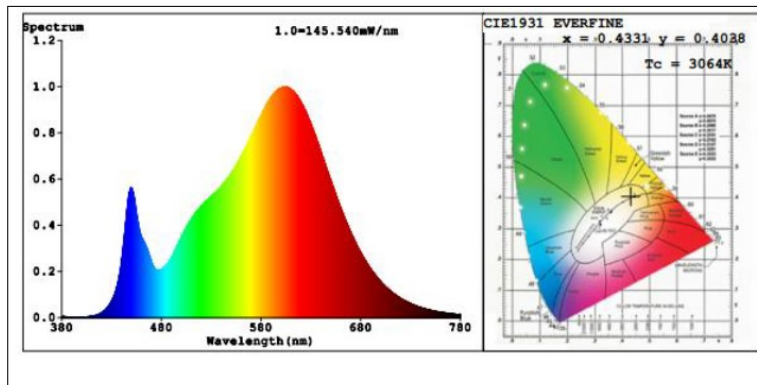
### LED Flood Lights 3 Series With Trunnion



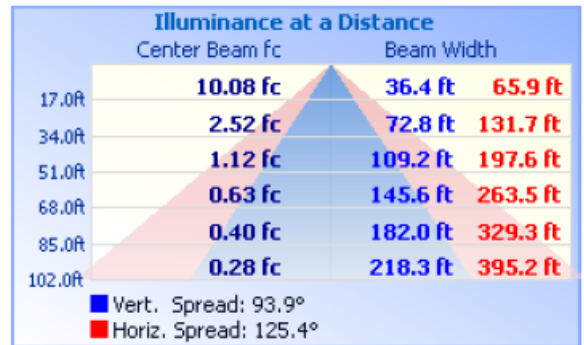
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### PHOTOMETRICS:

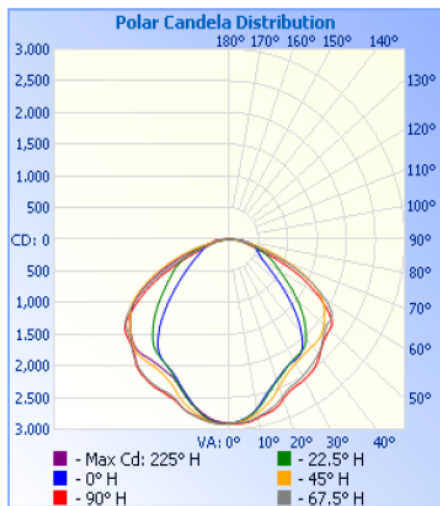
Spectral Power Distribution & Chromaticity Diagram



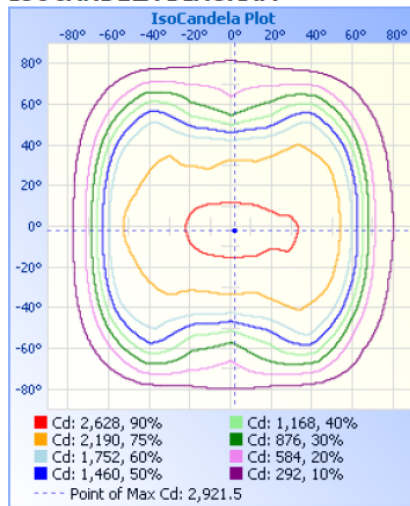
### Illuminance Plots



### Photometric Data



### ISOCANDELA DIAGRAM



### ISOLUX DIAGRAM

